Be In Touch

Description

Intended User

Features

User Interface Mocks

    Screen 1: Contacts List

    Screen 2: Details Contact

    Screen 3: Tablet View

Key Considerations

    How will your app handle data persistence?

    Describe any corner cases in the UX.

    Describe any libraries you'll be using and share your reasoning for including them.

    Describe how you will implement Google Play Services.

Next Steps: Required Tasks

    Task 1: Creation of the Project

    Task 2: Implement UI for Main Activity and Fragment

    Task 3: UI for Detail Activity and Fragment

    Task 4: Implementation of Services

    Task 5: Implementation of Google Play Services

    Task 6: Creation of Widget and Icon for App

    Task 7: Testing of App

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Be In Touch

Description

Be In Touch allows us to be in touch with the people we care about. It reminds us to contact them.

Be In Touch allows shows us details about our interaction with the people.

Intended User

This app is for anyone who wants to get notified regarding calling our beloved ones.
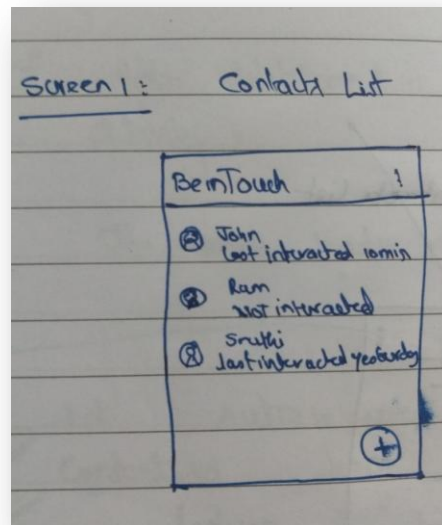
Features

List the main features of your app. For example:

- Allows us to add the contacts for whom the reminder should be enabled
- Reminds us to call to/interact with our beloved people
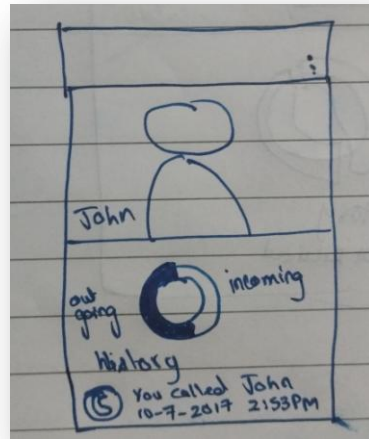- Show the details of our interaction

User Interface Mocks
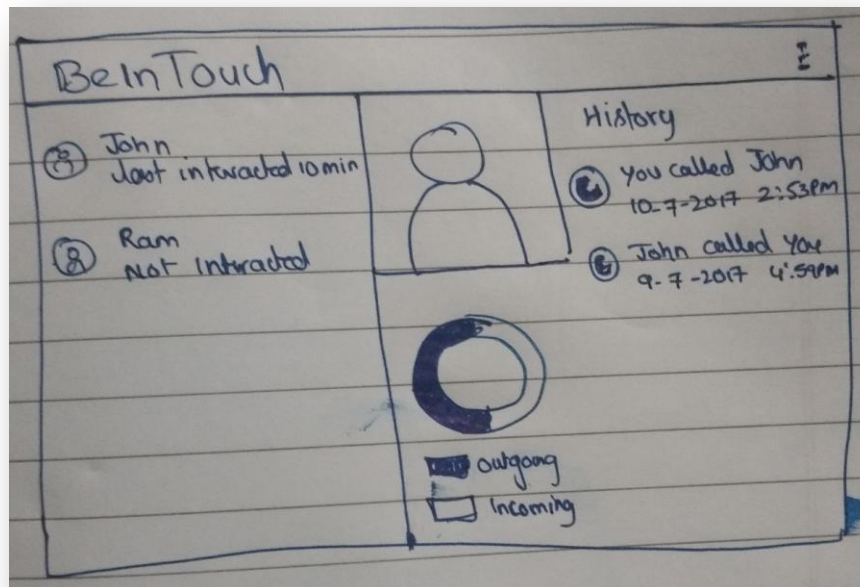
Screen 1: Contacts List

This screen is the contacts entry screen using which the user adds the contacts they want to get a reminder(Call remainder/notification). In order to add a contact to the this screen the user clicks on FAB and selects a contact from the **contact picker(Android Contact Picker)**. Once a contact is selected from the contact picker, the contact gets added to the list if they are not yet added. For the added contact details like thumbnail image , name , last interaction would be displayed.

Screen 2: Details Contact

This screen contains the details information about a contact on whom the user has clicked in the contacts list screen. In this screen a detailed information of how our interaction with the selected contact is done. The information her will be shown with the help of graphs. This view also contain history of our interaction with the clicked/selected contact

Screen 3: Tablet View

The table UI follows a Master-Detail template layout and combines both Contacts list and Detail Contact views.

Key Considerations

How will your app handle data persistence?

The App uses the Contact Provider of android for reading Contacts and Call Log data. The App also has its own Contact Provider.

Describe any corner cases in the UX.

When a contact is deleted from the App, No view /data related to the deleted contact has to be shown

Describe any libraries you'll be using and share your reasoning for including them.

Glide for loading images
Dexter for Handling run time permission for devices above Android M
Timber for logging
CircleImageView for displaying thumbnails of contacts
Stetho for viewing the data base contents of the application

Describe how you will implement Google Play Services.

I am planning to integration
  1) Google Ads Service to display the Ads
  2) Firebase Analytics(Upgraded version of Google Analytics)

Next Steps: Required Tasks

This is the section where you can take the main features of your app (declared above) and decompose them into tangible technical tasks that you can complete incrementally until you have a finished app.

Task 1: Creation of the Project

- Creation of the project
- Adding the project dependencies

Task 2: Implement UI for Main Activity and Fragment

- Build UI for MainActivity

- Add Contact Picker functionality
- Creation Data(Contract, Content Provider, DB Helpers) for the MainActivity
- Creation of the adapter and async tasks for linking the UI and the Database

Task 3: UI for Detail Activity and Fragment

- Build UI for DetailActivity
- Create the Interaction from MainActivity to DetailActivity
- Create the Graph View for displaying the details of the contact

Task 4: Implementation of Services

- Creation of a service to notify user to interact with a specific contact
- Implementation of the table layout

Task 5: Implementation of Google Play Services

- Implementation of Google Ads Service
- Implementation of FireBase Analytics Service

Task 6: Creation of Widget and Icon for App

- Creation of widget for the App to display the list of contacts added to the Activity displaying the contact list
- Creation of Icon for the App

Task 7: Testing of App

- Testing the Application for checking the existence of bugs/issues